Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME 43.

1. MORSE, H. W. — Studies on Fluorite: (IV.) The Kathodo-Luminescence of Fluorite. pp. 1–16. 1 pl. June, 1907. 35c.
2. GREENMAN, J. M. — (I.) New Species of *Senecio* and *Schoenocaulon* from Mexico; (II.) ROBINSON, B. L. — New or otherwise Noteworthy Spermatophytes, chiefly from Mexico; (III.) ROBINSON, B. L., and BARTLETT, H. H. — New Plants from Gautemala and Mexico collected chiefly by C. C. Deam; (IV.) FERNALD, M. L. — Diagnoses of New Spermatophytes from Mexico. pp. 17–68. June, 1907. 50c.
3. MARK, E. L., and COPELAND, M. — Maturation Stages in the Spermatogenesis of Vespa maculata Linn. pp. 69–74. June, 1907. 15c.
4. BELL, L. — The Physiological Basis of Illumination. pp. 75–96. September, 1907. 30c.
5. PEIRCE, B. O. — On the Determination of the Magnetic Behavior of the Finely Divided Core of an Electromagnet while a Steady Current is being Established in the Exciting Coil. pp. 97–182. September, 1907. $1.20.
6. SHUDDEMAGEN, C. L. B. — The Demagnetizing Factors for Cylindrical Iron Rods. pp. 183–256. September, 1907. $1.15.
7. LEWIS, G. N. — Outlines of a New System of Thermodynamic Chemistry. pp. 257–293. October, 1907. 40c.
8. SANGER, C. R., and BLACK, O. F. — The Quantitative Determination of Arsenic by the Gutzeit Method. pp. 295–324. 2 pl. October, 1907. 40c.
9. SANGER, C. R., and BLACK, O. F. — The Determination of Arsenic in Urine. pp. 325–340. October, 1907. 25c.
10. RICHARDS, T. W., and WREDÉ, F. — The Transition Temperature of Manganous Chloride: A New Fixed Point in Thermometry. pp. 341–350. November, 1907. 20c.
11. KENT, N. A., and AVERY, A. H. — Difference in Wave-Lengths of Titanium λλ 3900 and 3913 in Arc and Spark. pp. 351–361. November, 1907. 25c.
12. BAXTER, G. P., and WILSON, J. H. — A Revision of the Atomic Weight of Lead. Preliminary Paper. — The Analysis of Lead Chloride. pp. 363–373. December, 1907. 15c.
13. PIERCE, G. W. — A Simple Method of Measuring the Intensity of Sound. pp. 375–395. February, 1908. 30c.
14. TROWBRIDGE, J. — Longitudinal Magnetic Field and the Cathode Rays. pp. 397–404. February, 1908. 15c.
15. BELL, L. — Note on Some Meteorological Uses of the Polariscope. pp. 405–412. March, 1908. 15c.
16. PARKER, G. H. — The Sensory Reactions of Amphioxus. pp. 413–455. April, 1908. 45c.
17. DICKEY, W. P. — On Delays before ἀναγνωρίσεις in Greek Tragedy. pp. 457–471. May, 1908. 25c.
18. RICHARDS, T. W., and ROWE, A. W. — A New Method for the Determination of the Specific Heats of Liquids. pp. 473–488. June, 1908. 25c.
19. NEWHALL, S. H. — Pisistratus and His Edition of Homer. pp. 489–510. June, 1908. 45c.
20. TROWBRIDGE, J. — Positive Rays. pp. 511–517. June, 1908. 15c.
21. RICHARDS, T. W., and MATHEWS, J. H. — Concerning the Use of Electrical Heating in Fractional Distillation. pp. 519–524. June, 1908. 15c.
22. Records of Meetings; Biographical Notice; Officers and Committees; List of Fellows and Foreign Honorary Members; Statutes and Standing Votes, etc. July, 1908. 55c.

(Continued on page 2 of Cover.)

PUBLICATIONS

OF THE

AMERICAN ACADEMY OF ARTS AND SCIENCES.

MEMOIRS. OLD SERIES, Vols. 1–4; NEW SERIES, Vols. 1–13. 16 volumes, $10 each. Half volumes, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

Vol. 11. PART 1. Centennial Celebration. 1880. pp. 1–104. 1882. $2.00.
PART 2. No. 1. Agassiz, A. — The Tortugas and Florida Reefs. pp. 105–134. 12 pls. June, 1885. (Author's copies, June, 1883.) $3.00.
PART 3. Nos. 2–3. Searle, A. — The Apparent Position of the Zodiacal Light pp. 135–157 *and* Chandler, S. C. — On the Square Bar Micrometer. pp. 158–178 October, 1885. $1.00.
PART 4. No. 4. Pickering, E. C. — Stellar Photography. pp. 179–226. 2 pls. March, 1886. $1.00.
PART 4. No. 5. Rogers, W. A., and Winlock, Anna. — A Catalogue of 130 Polar Stars for the Epoch of 1875.0, resulting from the available Observations made between 1860 and 1885, and reduced to the System of the Catalogue of Publication XIV of the Astronomische Gesellschaft. pp. 227–300. June, 1886. 75c.
PART 5. No. 6. Langley, S. P., Young, C. A., and Pickering, E. C. — Pritchard's Wedge Photometer. pp. 301–324. November, 1886. 25c.
PART 6. No. 7. Wyman, M. — Memoir of Daniel Treadwell. pp. 325–523. October, 1887. $2.00.

Vol. 12. 1. Sawyer, E. F. — Catalogue of the Magnitudes of Southern Stars from 0° to —30° Declination, to the Magnitude 7.0 inclusive. pp. 1–100. May, 1892. $1.50.
2. Rowland, H. A. — On a Table of Standard Wave Lengths of the Spectral Lines. pp. 101–186. December, 1896. $2.00.
3. Thaxter, R. — Contribution towards a Monograph of the Laboulbeniaceæ. pp. 187–430. 26 pls. December, 1896. $6.00.
4. Lowell, P. — New Observations of the Planet Mercury. pp. 431–466. 8 pls. June, 1898. $1.25.
5. Sedgwick, W. T., and Winslow, C. E. A.—(I.) Experiments on the Effect of Freezing and other low Temperatures upon the Viability of the Bacillus of Typhoid Fever, with Considerations regarding Ice as a Vehicle of Infectious Disease. (II.) Statistical Studies on the Seasonal Prevalence of Typhoid Fever in various Countries and its Relation to Seasonal Temperature. pp. 467–579. 8 pls. August, 1902. $2.50.

Vol. 13. 1. Curtiss, D. R. — Binary Families in a Triply connected Region, with Especial Reference to Hypergeometric Families. pp. 1–60. January, 1904. $1.00.
2. Tonks, O. S. — Brygos: his Characteristics. pp. 61–119. 2 pls. November, 1904. $1.50.
3. Lyman, T. — The Spectrum of Hydrogen in the Region of Extremely Short Wave-Length. pp. 121–148. pls. iii-viii. February, 1906. 75c.
4. Pickering, W. H. — Lunar and Hawaiian Physical Features Compared. pp. 149–179. pls. ix–xxiv. November, 1906. $1.10.
5. Trowbridge, J. — High Electro-motive Force. pp. 181–215. pls. xxv–xxvii. May, 1907. 75c.
6. Thaxter, R. — Contribution toward a Monograph of the Laboulbeniaceæ. Part II. pp. 217–469. pls. xxviii–lxxi. June, 1908. $7.00.

PROCEEDINGS. Vols. 1–43, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

The individual articles may be obtained separately. A price list of recent articles is printed on the inside pages of the cover of the Proceedings.

Complete Works of Count Rumford. 4 vols., $5.00 each.

Memoir of Sir Benjamin Thompson, Count Rumford, with Notices of his Daughter. By George E. Ellis. $5.00.

Complete sets of the Life and Works of Rumford. 5 vols., $25.00; to members, $5.00.

For sale at the Library of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, 28 Newbury Street, Boston, Massachusetts.